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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	NA
				Filing Date	H r with
				First Named Inventor	Thomas C. McDonald
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	CNTR.2142

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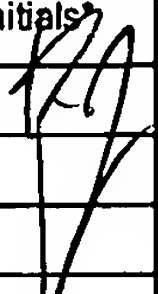
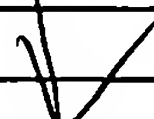
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/643338
				Filing Date	8/19/2003
				First Named Inventor	THOMAS C. MCDONALD
				Group Art Unit	2183
				Examiner Name	EDDIE CHAN
				Attorney Docket Number	CNTR.2142
Sheet 1 of 4					

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		5706491	01-06-1998	Steven C. McMahan	
		5961629	10-05-1999	Nguyen et al	
		5832289	11-03-1998	Shaw et al	
		5828901	10-27-1998	O'Toole et al	
		5864707	01-26-1999	Tran et al	
		6035391	03-07-2000	David L. Isaman	
		5353421	10-04-1994	Emma et al	
		6081884	06-27-2000	Paul K. Miller	
		6250821	06-26-2001	Greg Schwendinger	
		5805877	09-08-1998	Black et al	
		5948100	09-07-1999	Hsu et al	
		6233676	05-15-2001	Henry et al	
		5623615	04-22-1997	Salem et al	
		6175897	01-16-2001	Ryan et al	
		5734881	03-31-1998	White et al	
		6260138	07-10-2001	Jeremy G. Harris	
		6823444	11-23-2004	Henry et al	
		6256727	07-03-2001	Robert Greg McDonald	
		5931944	08-03-1999	Ginosar et al	
		5881260	03-09-1999	Raje et al	
	4860197	08-22-1989	Langendorf et al		
	5142634	08-25-1992	Fite et al		
	5163140	11-10-1992	Stiles et al		
		5404467	04-04-1995	Saba et al	
		5687360	11-11-1997	Po-Hua Chang	

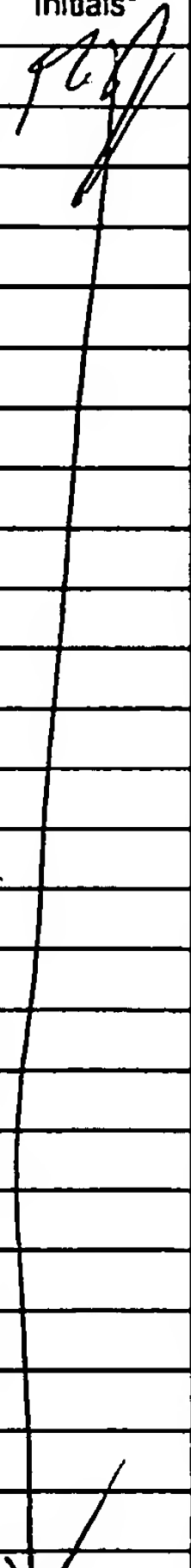
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		Number-Kind Code ² (if known)			
		5761723	06-02-1998	Black et al	
		5867701	02-02-1999	Brown et al	
		5964868	10-12-1999	Gochman et al	
		5974543	10-26-1999	Hilgendorf et al	
		5978909	11-02-1999	Oded Lempel	
		6088793	07-11-2000	Liu et al	
		6151671	11-21-2000	D'Sa et al	
		6314514	11-06-2001	Thomas C. McDonald	
		6502185	12-31-2002	Keller et al	
		6601161	07-29-2003	Rappoport et al	
		6647467	11-11-2003	Eric M. Dowling	
		5355459	10-11-1994	Matsuo et al	
		5850543	12-15-1998	Shiell et al	
		6108773	08-22-2000	Col et al	
		5513330	04-30-1996	David R. Stiles	
		6457120	09-24-2002	Balaram Sinharoy	
		5634103	05-27-1997	Dietz et al	
		6044459	03-28-2000	Bae et al	
		5530825	06-25-1996	Black et al	
		5812839	09-22-1998	Hoyt et al	
	6134654	10-17-2000	Patel et al		
	4181942	01-01-1980	Forster et al		
	5687349	11-11-1997	Ralph C. McGarity		
	6279105	08-21-2001	Konigsburg et al		
	5881265	03-09-1999	McFarland et al		
	6085311	07-04-2000	Narayan et al		

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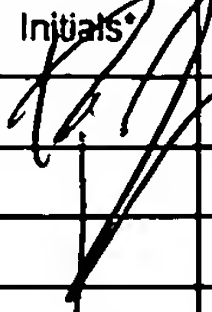
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				Group Art Unit	2183
				Examiner Name	EDDIE CHAN
Sheet	3	of	4	Attorney Docket Number	CNTR.2142

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Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6308259	10-23-2001	David B. Witt	
		5623614	04-22-1997	Van Dyke et al	
		5768576	06-16-1998	Hoyt et al	
		6170054	01-02-2001	Mitchell Alexander Poplingher	
		6279106	08-21-2001	James S. Roberts	
		2002194464	12-19-2002	Henry et al	
		5721855	02-24-1998	Hinton et al	
		4200927	04-29-1980	Hughes et al	
		6185676	02-06-2001	Poplingher et al.	
		5394530	02-28-1995	Mayumi Kitta	
		6886093	04-26-2005	G. Glenn Henry	
		20040030866	02-12-2004	Thomas C. McDonald	
		20020194461	12-19-2002	Henry et al.	
		20020194460	12-19-2002	Henry et al.	
		20050132175	06-16-2004	Henry et al.	
		20050044343	02-24-2005	Henry et al.	
		20020188833	12-12-2002	Henry et al.	
		20050114636	05-26-2005	McDonald et al.	
		20040139281	07-15-2004	Thomas C. McDonald	
		20040139301	07-15-2004	Thomas C. McDonald	
		20040143727	07-22-2004	Thomas C. McDonald	
		20040143709	07-22-2004	Thomas C. McDonald	
		20040139292	07-15-2004	Thomas C. McDonald	
		20050076193	04-07-2005	Henry et al.	

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				Filing Date	8/19/2003
				First Named Inventor	THOMAS C. MCDONALD
				Group Art Unit	2183
				Examiner Name	EDDIE CHAN
				Attorney Docket Number	CNTR.2142
Sheet	4	of	4		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
[Signature]	AA	<i>Microprocessor Report</i> . Vol.9. No.2. February 16, 1995. page 5	
	AB	<i>Microprocessor Report</i> . August 23, 1999. page 7	
	AC	YEH ET AL. <i>Alternative Implementation of Two-Level Adaptive Branch Prediction</i> . 19th Annual International Symposium on Computer Architecture. Pp124-134. May 19-21, 1992. Gold Coast, Australia	
	AD	CHANG ET AL. <i>Alternative Implementations of Hybrid Branch Predictors</i> . Proceedings of MICRO-28. 1995. IEEE.	
	AE	MC FARLING, SCOTT. <i>WRL Technical Note TN-36. "Combining Branch Predictors</i> . June 1993. Western Research Laboratory, 250 University Ave., Palo Alto, CA 94301	
	AF	BRAY ET AL. <i>Strategies For Branch Target Buffers</i> . Technical Report No. CSL-TR-91-480. June 1991.	
	AG	SAKAMOTO ET AL. <i>Microarchitecture Support for Reducing Branch Penalty in a Superscaler Processor</i> . Pp 208-216. Mitsubishi Electric Corp. 4-1 Mizuhara, Itami, Hyogo 664. Japan, 1996. IEEE.	
[Signature]	AH	IEEE 100, The Authoritative Dictionary of IEEE Standard Terms, Seventh Edition. The Institute of Electrical Engineering, Inc. New York: Standards Information Network IEEE Press Page 135.	

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				Application Number	10/643338
				Filing Date	8/19/2003
				First Named Inventor	Thomas C. McDonald
				Group Art Unit	2183
				Examiner Name	Eddie Chan
Sheet	1	of	1	Attorney Docket Number	CNTR.2142

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		5850532	12-15-1998	Narayan et al	
		5752069	05-12-1998	Roberts et al.	

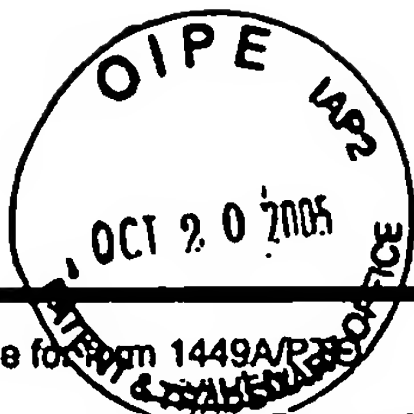
FOREIGN PATENT DOCUMENTS						
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				Application Number	10/643338
				Filing Date	8/19/2003
				First Named Inventor	Thomas C. McDonald
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TJG		20050198481	09-08-2005	Henry et al.	
		20050198479	09-08-2005	Bean et al.	
		6895498	05-17-2005	McDonald et al.	

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